

AIR Committee – Report
to BACWA Board

June 2007

Prepared By:
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Committee Request for Board Action:

Business Discussed and Action Items:

Business	Action Item	Due Date

Other Issues of Note:

- **BAAQMD: Regulation 9, Rule 7 – NOx and CO from Boilers, Steam Generators, and Process Heaters**
 - Public Workshop on June 29, 2007 from 1:00 to 3:00
 - The amendments to Reg 9-7 are to further reduce emissions of NOx and CO by lowering the current emission limits, extending applicability of the regulation to smaller devices, and by adding additional compliance monitoring (i.e. annual source testing).
 - Applicable to industrial, institutional, and commercial boilers, steam generators, and process heaters.
 - Major amendments under consideration include:
 - o Extending Reg 9-7 to boilers, steam generators, and process heaters rated > 2 MM BTU/hr (previously > 10 MM BTU/hr)
 - o New emission limits:

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<u>Rated Heat Input (million BTU/hr)</u>	<u>Effective Date</u>	<u>NOx Limit</u>	<u>CO Limit (ppmv)</u>
<u>307.1: From 2 to 10</u>	<u>1/1/2010</u>	<u>30 ppmv or 0.036 lb/MM BTU input</u>	<u>400</u>
<u>307.2: More than 10 but less than 20</u>	<u>1/1/2012</u>	<u>15 ppmv or 0.018 lb/MM BTU input</u>	<u>400</u>
<u>307.3: 20 or more</u>	<u>1/1/2014</u>	<u>9 ppmv or 0.011 lb/MM BTU input</u>	<u>400</u>
<u>307.4: 20 or more for load- following units</u>	<u>1/1/2014</u>	<u>15 ppmv or 0.018 lb/MM BTU input</u>	<u>400</u>
<u>307.5: 20 or more while using landfill gas or digester gas fuel</u>	<u>1/1/2014</u>	<u>30 ppmv or 0.036 lb/MM BTU input</u>	<u>400</u>
<u>307.6: 1 or more while using non-gaseous fuel</u>	<u>1/1/2010</u>	<u>40 ppmv or 0.052 lb/MM BTU input</u>	<u>400</u>
<u>307.7: 1 or more while using a combination of gaseous and non-gaseous fuel</u>	<u>1/1/2010</u>	<u>heat-input weighted average of applicable gaseous & non-gaseous emission limit</u>	<u>400</u>

- **AB 32:**

- CARB currently developing mandatory reporting protocols for the top GHG emitting sectors (Power Plants/Utilities, Oil Refineries, Cement Plants, Cogeneration, and Large Stationary Combustion Sources)
- POTWs may be required to report GHG emissions based on the following thresholds:
 - o Stationary Combustion Sources: $\geq 25,000$ mtons CO₂
 - o Power Plant/Utility: ≥ 1 MW
- Reporting to begin in 2009 for 2008 emissions
- Does not look like POTWs will be required to report any process emissions in 2009.

- **California Wastewater Climate Change Group (CWCCG)**

- 39 agencies (12 large contributors)
- CH2M HILL currently conducting a literature search to review existing GHG estimating methods (protocols) for CH₄ and N₂O emissions from wastewater treatment plants. The literature search will be summarized in a draft report to be submitted to CWCCG for review on July 16, 2007. The paper will make recommendations on the development of appropriate protocols.
- Preparing comment letter to ARB on why POTWs should not be in the Power/Utility sector for mandatory reporting in 2009.
- Next group meeting: Tuesday, August 14, 2007, 10am to 2pm at LACSD

- **NEXT AIR COMMITTEE MEETING**

Wednesday, July 18th

-OR-

Tuesday, July 24th (10am – 1pm)